

ABSTRACT OF THE DISCLOSURE

A method and apparatus for dynamically reconfiguring a computing system are disclosed. The method comprises detecting a predetermined condition triggering a reconfiguration of the computing system; and dynamically reconfiguring a signal path affected by the condition from a first mode to a second mode responsive to detecting the condition. The apparatus is a computing system, comprising: a plurality of I/O switches, a crossbar switch, a plurality of signal paths; and a system controller. Each signal path is defined by an I/O switch and the crossbar switch. The system controller is capable of detecting a predetermined condition triggering a reconfiguration and dynamically reconfiguring at least one of the signal paths affected by the condition from a first mode to a second mode.